

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1261	(375/341).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/03 12:57
S2	2	("6209209").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/03 12:59
S3	50	Hori and @pd="20010327"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/03 12:59
S4	2	S3 and viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/03 12:59
S5	2398	viterbi and (path near3 metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/04 13:03
S6	11	S5 and (adjustab\$5 near2 threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/04 13:39
S7	2	("5341387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/04 13:39
S8	1	(US-5341387-\$).did.	USPAT	OR	ON	2006/09/04 13:40
S9	0	S8 and S6	USPAT	OR	ON	2006/09/04 13:40
S10	1	S8 and "threshold"	USPAT	OR	ON	2006/09/04 14:55
S11	58	S5 and butterfly	USPAT	OR	ON	2006/09/04 14:55
S12	31	S11 and (number near4 metric)	USPAT	OR	ON	2006/09/04 18:42

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S13	7	S12 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 18:33
S14	565	S5 and (state adj2 transition)	USPAT	OR	ON	2006/09/04 15:21
S15	262	S14 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 15:33
S16	15	S15 and (power near3 "2")	USPAT	OR	ON	2006/09/04 15:25
S17	7	S15 and (power adj3 "2")	USPAT	OR	ON	2006/09/04 15:29
S18	5	S5 and (threshold with power with "2")	USPAT	OR	ON	2006/09/04 15:32
S19	0	S5 and ("threshold is" with power with "2")	USPAT	OR	ON	2006/09/04 15:32
S20	0	viterbi and ("threshold is" with power with "2")	USPAT	OR	ON	2006/09/04 15:32
S21	0	viterbi and ("threshold is" same power same "2")	USPAT	OR	ON	2006/09/04 15:34
S22	154	viterbi and (threshold same power same "2")	USPAT	OR	ON	2006/09/04 15:33
S23	53	S22 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 15:36
S24	2	("threshold is" same power same "2")	USPAT	OR	ON	2006/09/04 15:35
S25	0	("threshold is" with power with "2")	USPAT	OR	ON	2006/09/04 15:35
S26	3072	(threshold with power with "2")	USPAT	OR	ON	2006/09/04 15:35
S27	1785	S26 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 15:40
S28	6	S27 and trellis	USPAT	OR	ON	2006/09/04 15:39
S29	17	S27 and viterbi	USPAT	OR	ON	2006/09/04 15:39
S30	0	S20 and "power of 2"	USPAT	OR	ON	2006/09/04 15:40
S31	0	"power of 2"	USPAT	OR	ON	2006/09/04 15:40
S32	0	"power of 2"	USPAT	OR	ON	2006/09/04 15:40
S33	56959	Power near2 "2"	USPAT	OR	ON	2006/09/04 15:40
S34	448	S33 and (viterbi or trellis)	USPAT	OR	ON	2006/09/04 15:40
S35	185	S34 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 16:51
S36	77	S35 and threshold	USPAT	OR	ON	2006/09/04 15:50
S37	1	(US-4879729-\$.did.	USPAT	OR	ON	2006/09/04 15:50
S38	41	S36 and (threshold same power)	USPAT	OR	ON	2006/09/04 15:51
S39	21	S36 and (threshold near7 power)	USPAT	OR	ON	2006/09/04 16:00
S40	370	(logic near3 value) near3 "OR"	USPAT	OR	ON	2006/09/04 16:01
S41	3	S40 and viterbi	USPAT	OR	ON	2006/09/04 16:01
S42	1	(US-5907586-\$.did.	USPAT	OR	ON	2006/09/04 16:48
S43	4	S5 and ((number near3 decision) SAME SNR)	USPAT	OR	ON	2006/09/04 16:51

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S44	23	S5 and (decision adj2 depth) and SNR	USPAT	OR	ON	2006/09/04 16:51
S45	6	S44 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 16:52
S46	21	S11 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 18:33
S47	2642	viterbi and (path near3 metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 18:14
S48	922	S47 and @pd<"20010123"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 19:48
S49	0	S48 and ((path near3 metric) with (logical near3 "OR"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 18:51
S50	1	S48 and ((path near3 metric) same (logical near3 "OR"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 18:18
S51	9	S48 and ((path near3 metric) and (logical near3 "OR"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 18:19
S52	6	S48 and ((path near3 metric) with "OR")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 18:51
S53	1	(US-5991341-\$).did.	USPAT	OR	ON	2007/05/05 19:07
S54	1	(US-5991341-\$).did.	USPAT	OR	ON	2007/05/05 19:08
S55	617	(375/265).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/05 19:47

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S56	168	S55 and @pd<"20010123"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 19:48
S57	2642	viterbi and (path near3 metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 19:48
S58	61	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 19:48


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1. An alternative to metric rescaling in Viterbi decoders

Hekstra, A.P.;
[Communications, IEEE Transactions on](#)
 Volume 37, Issue 11, Nov. 1989 Page(s):1220 - 1222
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2. Area-efficient architectures for the Viterbi algorithm

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 2-5 Dec. 1990 Page(s):1787 - 1793 vol.3
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3. Quantization loss in convolutional decoding

Onyszchuk, I.M.; Cheung, K.-M.; Collins, O.;
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4. Improved estimates of Viterbi detector path metric differences

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5. A generic convolutional code Viterbi decoder generator

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 21-24 Oct. 1996 Page(s):206 - 209

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6. On Viterbi detector path metric differences

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7. Efficient management of in-place path metric update and its implementation decoders

Ming-Der Shieh; Ming-Hwa Sheu; Chien-Ming Wu; Wann-Shyang Ju;
[Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE Interna](#)
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8. A low power survivor memory unit for sequential Viterbi-Decoders

Traber, M.;
[Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Sympo](#)
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9. A novel ACS-feedback scheme for generic, sequential Viterbi-decoder mi

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[Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Sympo](#)
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